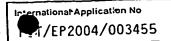
INTERNATIONAL SEARCH REPORT

July Long Committee the Committee Co



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N21/03 G02B5/00

GO1N21/05

G01N21/55

G01J3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system tollowed by classification symbols)

GOIN GO2B GOIJ IPC 7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	INTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 26 21 895 A (HELLMA GMBH U KG GLASTECHNISCH) 1 December 1977 (1977-12-01) page 3, paragraph 8 - page 4, paragraph 2 figure 1	1-3
X	US 4 934 818 A (GLANTSCHNIG WERNER J ET AL) 19 June 1990 (1990-06-19)	1,2,4,7, 9,10,14, 16,18,22
X	column 2, line 6 - line 28 column 4, line 42 - column 5, line 30 figures 1,6	13
A	WO 01/63256 A (BURKERT KLAUS; VETTER DIRK (DE); DICKOPF STEFAN (DE); GRAFFINITY PHAR) 30 August 2001 (2001-08-30) cited in the application abstract	1-22

\	/				
X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.				
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 				
Date of the actual completion of the international search	Date of mailing of the international search report				
19 July 2004	28/07/2004				
Name and mailing address of the ISA	Authorized officer				
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Schenke, C				

INTERNATIONAL SEARCH REPORT

International Application No T/EP2004/003455

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	L	FE1/EP2004/003455			
Category *			Relevant to claim No.			
A	US 5 164 589 A (SJOEDIN HAAKAN) 17 November 1992 (1992-11-17) column 3, line 63 - column 4, line 15 figure 2		11,12, 19,20			
. •			,			

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

Patent document		Publication		Patent family	Publication
cited in search report		date	member(s)		date
DE 2621895	Α	01-12-1977	DE	2621895 A1	01-12-1977
US 4934818	Α	19-06-1990	NONE		
WO 0163256	Α	30-08-2001	DE	10008006 A1	13-09-2001
			DE	10052165 A1	16-05-2002
		•	AU -	4644701 A	03-09-2001
			AU	4644801 A	03-09-2001
•			CA	2400828 A1	30-08-2001
			CA	2402608 A1	30-08-2001
			WO	0163256 A1	30-08-2001
			WO	0163257 A1	30-08-2001
			EP	1259796 A1	27-11-2002
			EP	1257809 A1	20-11-2002
			JP	2003524178 T	12-08-2003
	•		JP	2003524179 T	12-08-2003
			US	2003128364 A1	10-07-2003
			US	2001026943 A1	04-10-2001
US 5164589		17-11-1992	SE	462408 B	18-06-1990
			ΑT	181423 T	15-07-1999
			ΑT	100197 T	15-01-1994
			DE	68912343 D1	24-02-1994
			DE	68912343 T2	05-05-1994
	•		DE	68929019 D1	22-07-1999
			DE	68929019 T2	07-10-1999
•			EP .	0534941 A1	07-04-1993
			EP	0442921 A1	28-08-1991
•		•	JP	4504765 T	20-08-1992
			JP	3064313 B2	12-07-2000
			JP	4501462 T	12-03-1992
,			JP	3294605 B2	24-06-2002
			SE	8804075 A	10-11-1988
			WO	9005295 A1	17-05-1990
			WO	9005317 A1	17-05-1990
			ÜS	5313264 A	17-05-1994

inis Page Blank (uspio)